

PROCESS DESCRIPTION

Electric Coating Technology electro-galvanizes steel coils and is considered a new source under the Metal Finishing Category on 40 CFR 433. Approximately 30,000 gallons per day (gpd) of process rinse waters, non-contact cooling water, boiler blowdown, and sanitary are discharged continuously to the District's POTW. The pollutants expected in the discharge are metals, sulfate, total dissolved solids (TDS), oil and grease, chloroform, methylene chloride, and naphthalene.

EFFLUENT LIMITATIONS

A. CATEGORICAL LIMITATIONS

The permittee shall at no time discharge wastewater containing pollutants in excess of any of the following National Categorical Pretreatment Standards as established by 40 CFR Part 433 Metal Finishing point source category.

CATEGORICAL LIMITATIONS 40 CFR Part 433.17⁽¹⁾

PARAMETER	DAILY MAXIMUM LIMIT (mg/L)	MAXIMUM MONTHLY AVERAGE (mg/L)
Cadmium	0.11	0.07
Chromium	2.77	1.71
Copper	3.38	2.07
Lead	0.69	0.43
Nickel	3.98	2.38
Silver	0.43	0.24
Zinc	2.61	1.48
Available Cyanide	0.86	0.32
Total Toxic Organics	2.13 ⁽²⁾	---

MUST
CHANGE AS
CONSISTENT
WITH 40 CFR
433.17 (6)

⁽¹⁾ For any parameter that is covered by multiple pretreatment or local standards, the most stringent shall apply.

⁽²⁾ The summation of methylene chloride, chloroform and naphthalene shall not exceed 2.13 mg/L.

This specific list of contaminants shall not relieve the permittee of its responsibility to comply with all other specific pollutants as listed in the Ordinance 13.13.3.02.3. The district requires complete compliance with the Sewer User Ordinance and compliance with all local limitations

B. LOCAL LIMITATIONS

The permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations (Local Limits) as established by Article 13.13.3.02.3 of the Ordinance:

Specific Pollutant Limitations

Parameter ⁽¹⁾	Daily Maximum (mg/L)
Arsenic	1.31
Chromium	7.0